

Converting Colors

HunterLab(11.8057, 0.9850,
-16.8815)

Have a look what the booklet for
HunterLab(11.8057, 0.9850,
-16.8815) contains.

HunterLab(11.8456, 0.9983, -16.9611)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(11.8456, 0.9983,
-16.9611)**

Conversions

Conversions Part 1

Format	Color
Hex	002040
RGB	0, 32, 64
RGB Percent	0%, 13%, 25%
CMY	1.0000, 0.8745, 0.7490
CMYK	1.00, 0.50, 0.00, 0.75
HSL	210°, 100%, 13%
HSV	210°, 100%, 25%
XYZ	1.4419, 1.4032, 5.0453
YIQ	26.0800, -29.3440, 3.1680

Conversions

Conversions Part 2

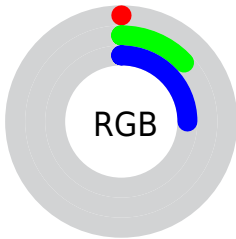
Format	Color
RYB	0, 21, 64
Decimal	8256
CIELab	11.98, 3.18, -23.60
CIELCh	12, 23.809, 277.672
Yxy	1.4032, 0.1827, 0.1778
Android (android.graphics.Color)	4278198336 (0xFF002040)
YUV	26.0800, 18.6946, -22.8722
Hunter-Lab	11.8456, 0.9983, -16.9611

Details

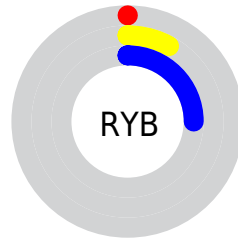
The HunterLab color **11.8456, 0.9983, -16.9611** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **14.5713, 6.7303, 9.0962**, and the grayscale version is **10.1396, -0.5410, 0.5509**.

A 20% lighter version of the original color is **26.4844, 0.9406, -17.9812**, and **2.6873, 4.4054, -12.8688** is the 20% darker color. If you saturate the color by 10%, you get **11.8453, 0.9990, -16.9622**, and if you desaturate by 10%, it is **12.7490, 0.2662, -14.6970**.

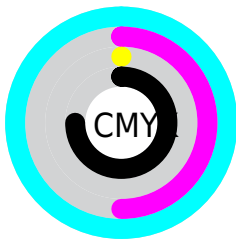
Distribution



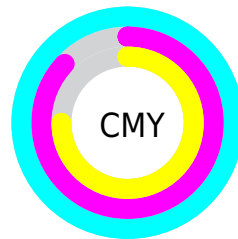
- Red (0%)
- Green (13%)
- Blue (25%)



- Red (0%)
- Yellow (8%)
- Blue (25%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.8456, 0.9983, -16.9611 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 11.8456, 0.9983, -16.9611 by changing the saturation by 10% instead.

■ 11.8456, 0.9983,
-16.9611

■ 11.8456, 0.9983,
-16.9611

■ 102.5700, -2.1949,
-20.2365

■ 4.6808, 2.7090,
-24.7763

■ 26.6006, 0.6923,
-17.8371

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 35.3362, 0.4294,
-18.3435

0.0000, NaN, NaN

■ 44.8617, 0.1078,
-18.8074

0.0000, NaN, NaN

■ 55.1163, -0.2658,
-19.2141

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.0514, -0.6864,
-19.5595

0.0000, NaN, NaN

■ 77.6271, -1.1500,

0.0000, NaN, NaN

-19.8438

■ 89.8095, -1.6537,
-20.0686

■ 11.8456, 0.9983,
-16.9611

■ 11.8456, 0.9983,
-16.9611

■ 11.8453, 0.9990,
-16.9622

■ 12.7490, 0.2662,
-14.6970

■ 13.6610, -0.4590,
-12.6419

■ 14.6233, -1.0332,
-10.6736

■ 15.6404, -1.4388,
-8.7751

■ 16.7072, -1.6920,
-6.9481

■ 17.8192, -1.8093,
-5.1908

■ 18.9723, -1.8062,
-3.4993

■ 20.1628, -1.6968,
-1.8688

■ 21.3875, -1.4937,
-0.2938

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.8458, -4.8241, -15.3390



11.8456, 0.9983, -16.9611



11.8458, 7.5547, -12.2749

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.8458, 0.9986, -16.9608



11.8458, 10.3378, 6.1565



11.8458, -9.8380, 4.2300

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.8456, 0.9983, -16.9611



14.5713, 6.7303, 9.0962

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.8458, -7.0647, 7.6593



11.8456, 0.9983, -16.9611



11.8458, 4.2370, 8.2920

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.8458, 0.9986, -16.9608



11.8458, 13.6224, 2.0590



11.8458, -2.1802, 8.2920



11.8458, -10.4163, -0.9686

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.8456, 0.9983, -16.9611



11.8458, 11.1966, -7.1492



11.8458, -2.1802, 8.2920



11.8458, -9.1371, 5.5202

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.8458, 0.9986, -16.9608



24.7853, -2.3886, -4.9070



19.4194, -14.7345, 7.5357



12.8637, -1.2580, -2.7853



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.8458, 0.9986, -16.9608



15.1774, 2.0969, -23.4970



6.0850, 16.5005, -43.2234



11.7902, -0.7970, -0.0400



17.3548, 2.8338, -27.8094



41.2731, 11.3473, -76.0834

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



10.9287, 19.6680, -0.3350



14.3507, 25.7445, 0.2154



21.8101, -5.8579, 13.3365



11.6085, 0.3818, 0.3638



16.5922, 29.7231, 0.5783



41.3346, 73.6273, 4.6897

Previews

White Background



This preview shows how the HunterLab color 11.8456, 0.9983, -16.9611 looks on a white background.

Color Contrast Check

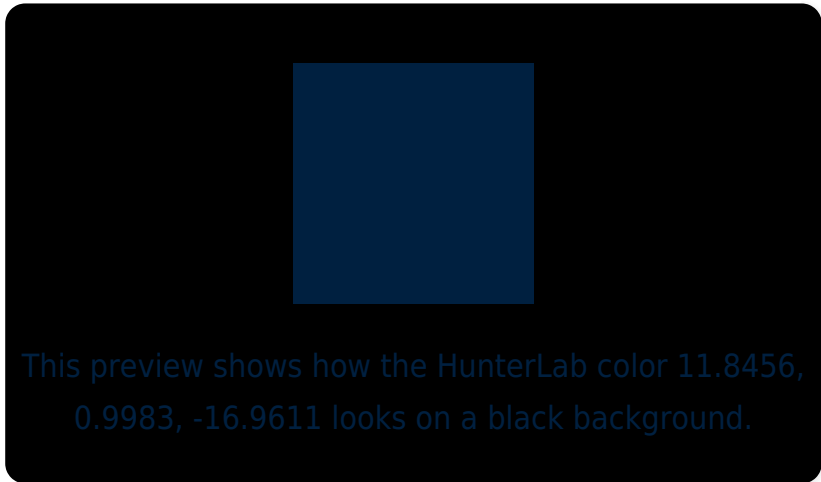
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

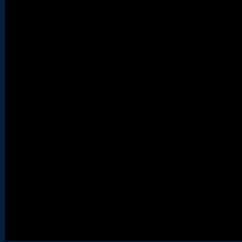
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 11.8456, 0.9983, -16.9611 Background



This preview shows how black text looks on a background with the HunterLab color 11.8456, 0.9983, -16.9611.



This preview shows how white text looks on a background with the HunterLab color 11.8456, 0.9983, -16.9611.

-16.9611.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.8456, 0.9983, -16.9611

Protanopia

11.9349, 2.3433, -15.9664

Deuteranopia

11.8034, -0.8818, -12.8498



Tritanopia

11.8669, -5.7691, -2.3787

Trichromacy



Original Color

11.8456, 0.9983, -16.9611

Protanomaly

11.7919, 1.8788, -16.3460

Deuteranomaly

11.8910, -0.4018, -13.9954

Tritanomaly

11.8973, -3.7985, -6.6707

Monochromacy



Original Color

11.8456, 0.9983, -16.9611

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.5018, -0.8810, -4.8779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.8456, 0.9983, -16.9611 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 32, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 32, 64)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 32, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 32, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 11.8456, 0.9983, -16.9611 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 32, 64) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 32, 64) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 32, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 32, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 32, 64); box-shadow:4px  
4px 4px 4px rgb(0, 32, 64) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.8456, 0.9983, -16.9611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 32, 64) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 32,  
64) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor